New England Deaconess Hospital Library

NEW ENGLAND DEACONESS HOSPITAL

1930

New England Deaconess Hospital Library

Annual Report of the
NEW ENGLAND DEACONESS HOSPITAL
• 1930 •

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BOSTON, MASSACHUSETTS

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BOSTON

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BUSINESS ADMINISTRATION

CORPORATION

OFFICERS OF THE CORPORATION

President

Howard D. Brewer	12 East Worcester St., Worcester, Mass.

Vice-Presidents

Alfred H. Avery	105 Beltran St., Malden, Mass.
Sam T. Emery	35 Marshall St., Newton Centre, Mass.

Treasurer

W. J. Fowler	67 Milk St., Boston, Mass.

Clerk

Edward H. Redstone	46 Mt. Vernon St., Cambridge, Mass.

MEMBERS

Bishop William F. Anderson, S. D. Atwood, Alfred H. Avery,
Edwin P. Bliss, Howard D. Brewer, Frank W. Buxton,
Hon. Horace A. Carter, Mrs. Roscoe A. Carter, Charles A. Chadwick,
Carey J. Chamberlin, Charles A. Chase, Hermann F. Clarke,
William Coburn, John Cousens, Hon. Channing H. Cox,
Miss Ruth Crary, Sewall Cutler, Warren H. Davis, Robert G. Dodge,
Miss Mabel T. Eager, Sam T. Emery, Robert J. Estabrook,
Lewis A. Fales, Everett O. Fisk, Mrs. W. M. Flanders, W. J. Fowler,
Mrs. H. C. Gallagher, Mrs. Walter G. Garritt, M. E. Genter, D.D.,
William Gilmour, L. O. Hartman, D.D., Christian A. Herter,
C. C. P. Hiller, D.D., Granville E. Hoffses, M.D.,
Cymbrid Hughes, D.D., Henry F. Hurlburt, Jr., William D. Hutchins,
J. L. Ivey, D.D., Daniel Fiske Jones, M.D., Ralph P. Jones,
Elliott P. Joslin, M.D., C. H. J. Kimball, Frank H. Lahey, M.D.,
Edgar C. Linn, B. G. Lipsky, D.D., H. E. Locke,
Stanley O. MacMullen, H. G. McCann, D.D.,
Sylvester F. McKeen, M.D., R. N. Millett, Philip I. Milliken,
Edward F. Miner, Erving P. Morse, Bernard Z. Nelson,
Robert L. O'Brien, A. I. Oliver, D.D., Cornelius A. Parker,
Carleton H. Parsons, Mrs. F. A. Patterson, H. H. Plumer, M.D.,
William P. Pritchard, M.D., Joseph O. Procter, Jr.,
Edward H. Redstone, W. Carlton Rich, William T. Rich,
Ellsworth Rollins, J. N. Seaver, D.D., William L. Shearer,
Joseph M. Shepler, D.D., Bishop Henry K. Sherrill,
Mrs. William L. Snow, J. L. Spaulding, Jr., George H. Spencer, D.D.,
Francis R. Carnegie Steele, E. E. Story, D.D., L. W. Stringfellow, D.D.,
Mrs. Edward A. Taft, Ralph E. Thompson, Mrs. William L. Thompson,
Miss Clara Trowbridge, Brooke C. Ulman, Shields Warren, M.D.,
Charles H. Watkins, Parker Webb, George M. Weed, E. E. Wells, D.D.,
O. B. Wells, D.D., Ben Ames Williams, Clarence W. Williams,
Mrs. A. M. Williams, Orrin G. Wood.

BOARD OF TRUSTEES

Alfred H. Avery
Howard D. Brewer
Hon. Horace A. Carter
Mrs. Roscoe A. Carter
Hon. Channing H. Cox
Miss Ruth Crary
Robert G. Dodge
Miss Mabel T. Eager
Sam T. Emery
W. J. Fowler
Mrs. H. C. Gallagher
William Gilmour
Daniel Fiske Jones, M.D.
Ralph P. Jones
Elliott P. Joslin, M.D.
C. H. J. Kimball
Frank H. Lahey, M.D.
H. E. Locke
Stanley O. MacMullen
Erving P. Morse
Robert L. O'Brien
Edward H. Redstone
William T. Rich
William L. Shearer
Mrs. William L. Snow
George H. Spencer, D.D.
Mrs. Edward A. Taft
Ralph E. Thompson
Clarence W. Williams

EXECUTIVE COMMITTEE

Alfred H. Avery
*Howard D. Brewer
*Warren F. Cook
Miss Mabel T. Eager
*W. J. Fowler
Ralph P. Jones
Stanley O. MacMullen
Robert L. O'Brien
*Edward H. Redstone
William T. Rich
George H. Spencer
Ralph E. Thompson
Elliott P. Joslin, M.D., Medical Representative

FINANCE COMMITTEE

Alfred H. Avery
*Howard D. Brewer
Horace A. Carter
*W. J. Fowler
Elliott P. Joslin, M.D.
Frank H. Lahey, M.D.
William T. Rich
William L. Shearer
Ralph E. Thompson

INVESTMENT COMMITTEE

*Howard D. Brewer
Channing H. Cox
*W. J. Fowler
Stanley O. MacMullen
Sam T. Emery

TRAINING SCHOOL COMMITTEE

Warren F. Cook
Miss Ruth Crary
Miss Sadie A. Hagen
Donald S. King, M.D.
Miss Mabel McVicker
Miss Marion Rice
Shields Warren, M.D.

* *Ex officio.*

HOSPITAL EXECUTIVE STAFF

Superintendent of the Hospital	Warren F. Cook
Assistant Superintendent	Sadie A. Hagen
Superintendent, School of Nursing	Mabel McVicker, R.N.

Field Secretary	Rev. Edwin V. Hinchliffe
Chaplains	Josephine S. Fisk, William R. Leslie, D.D.

HEADS OF DEPARTMENTS

Pathology	Shields Warren, M.D.
Assistant in charge of Chemical Laboratory	Hazel M. Hunt
Pharmacy	Howard A. Pringle
Dietary	Hilda A. French
Housekeeping	Carolyn M. Keatley
Direct Mail	Katherine E. Capen
Buildings and Grounds	Frank Paddleford
Laundry	A. P. Holmes
Purchasing	Constantine D. Tutein
Business Office	Clara R. Parker

STATISTICAL REPORT

Deaconess Unit

Patients in Hospital January 1, 1930		155
Patients admitted during year		4,716
Total		4,871
Medical	2,488	
Surgical	2,228	
Wards	3,650	
Private rooms	1,066	
Patients discharged during year		4,730
Improved	4,371	
Unimproved	313	
Transferred	46	
Deceased	108	
Autopsy percentage		51%
Patients in Hospital, December 31, 1930		137
Days Service for year		61,110
Average daily census		167
Average length of stay (days)		12.9
Operations		2,943
Other special treatments		
X-ray	3,857	
Alpine lamp	3,505	
Metabolisms	1,950	
Electrocardiograms	645	
Foot treatments	966	
Consultations	1,430	

Palmer Unit

Patients in Hospital January 1, 1930		58
Patients admitted during year		1,183
Total		1,241
Patients discharged during year		1,099
Patients deceased during year		103
Autopsy Percentage		55.4%
Patients in Hospital December 31, 1930		39
Days service for year		22,558
Average daily census		62.6
Average length of stay (days)		11.5
Operations (including 173 radium cases)		1,107
Other special treatments		
X-ray (including 1208 deep therapy treatments)	2,716	
Alpine lamp	85	
Electrocardiograms	77	
Diagnoses		1,241
Carcinoma	644	
Sarcoma	25	
Lymphoma	1	
Leukemia	1	
Other conditions	570	

STATISTICAL REPORT (*Cont.*)

Out-Patient Department

Number of new patients	337	
Number of old patients	933	1,270
Total visits		1,445
Services rendered		
Examinations	870	
X-ray (Diagnostic)	88	
Deep Therapy	390	
Ultra Violet Rays	1	
Radium	132	
Minor operations	22	
Laboratory	32	
Miscellaneous	6	1,541

SUMMARY OF ALL UNITS FOR THE YEAR

7,557 Patients admitted and treated
83,666 Days of service (24 hours)
251,004 Eight hour days of hospital care—more than 2,000,000 hours
4,050 Operations
13,894 Other Treatments (X-Ray, Radium, etc.)
Average Daily Census, 229.6
Average Length of Stay, 12.2
Total Operating Income, $615,936.70
Total Operating Expense, $644,233.11
Per Diem Cost, $6.80

RELIGIOUS AFFILIATIONS

Adventist	14	Salvation Army	1
Baptist	326	Spiritualist	1
Congregational	431	Unitarian	154
Christadelphian	2	Universalist	80
Christian Science	22	United Church	2
Church of Christ	2	United Church of Canada	2
Dutch Reform	3	Other Protestants	1,480
Episcopalian	396	Bahai	1
Lutheran	50	Catholic	1,407
Methodist	899	Greek Catholic	3
Nazarene	1	Greek Orthodox	10
New Church	1	Jewish	507
Pentecostal	1	Mohammedan	2
Presbyterian	74	Orthodox	8
Quaker	11	No Preference	66

STATEMENT OF OPERATING INCOME AND OPERATING EXPENSE

YEAR ENDED DECEMBER 31, 1930

Operating income:		
Private wards	$162,114.00	
Public wards	260,293.35	
Operating room	36,460.20	
X-ray	37,143.50	
Chemical laboratory	13,970.88	
Pathological laboratory	21,869.87	
Board of special nurses	28,680.50	
Anaesthesia	703.00	
Dentistry	2,089.85	
Special therapy	12,363.70	
Collection on old accounts	1,769.44	
Surgery	1,360.08	
Radium	20,629.19	
Out-patient department	5,519.84	
Net profit of pharmacy store applicable to general income	2,719.58	
Training school	5,047.16	
Restaurant	1,661.10	
Miscellaneous	1,541.46	
Total operating income		$615,936.70
Operating expense:		
Administration	$ 63,056.62	
Rent	8,570.32	
Insurance	5,147.41	
Heat, light and water	54,595.30	
Maintenance and repairs	32,239.74	
Dietary	206,788.65	
Chemical laboratory	11,926.47	
Pathological laboratory	22,354.09	
Training school	14,598.64	
Pharmacy	31,139.73	
Social service	1,155.17	
Laundry	32,493.21	
Housekeeping	52,156.42	
Nursing care	54,168.23	
Record library	9,108.20	
Anaesthesia	3,058.18	
X-ray	28,750.09	
Special therapy	3,864.14	
Dentistry	1,683.35	
Radium	5,624.69	
Out-patient department	955.40	
Miscellaneous	799.06	
Total operating expense		644,233.11
Operating deficit		$28,296.41

FINANCIAL REPORT

BALANCE SHEET

DECEMBER 31, 1930

ASSETS

Current assets:			
Cash			$ 58,851.15
Accounts receivable	$ 29,057.60		
Less provision for uncollectible accounts	9,363.07		
		19,694.53	
Inventories of supplies ($8,677.73 estimated)		17,306.89	
Total current assets			$ 95,852.57
Due from New England Deaconess Association			689.62
Due from Trustees of Consumptives' Home			1,123.18
Investments:			
Securities			473,746.79

	Market Value	*Book Amount*
Pledged to secure notes payable	$417,101	$458,609.06
Not pledged	13,528	15,137.73
	$430,629	$473,746.79

George F. Baker Clinic Fund assets:			
Securities	$ 264,680.76		
Cash awaiting investment	1,168.39		
		265,849.15	
Special equipment fund — Baker Clinic — savings bank deposit			2,084.16

Real estate and equipment:		
Land and buildings	$1,797,915.75	
Equipment	172,170.70	
Radium	118,865.23	
		$2,088,951.68
Prepaid insurance		5,592.94
		$2,933,890.09

BALANCE SHEET

DECEMBER 31, 1930

LIABILITIES AND FUNDS

Current liabilities:		
Accounts payable	$ 64,550.58	
Notes payable to banks and bankers (secured, contra)	425,000.00	
Total current liabilities		$ 489,550.58
Mortgages payable		738,000.00
Restricted income unexpended		9,463.51
Endowment funds	$ 494,686.38	
George F. Baker Clinic Fund	265,849.15	
Special equipment fund — Baker Clinic	2,084.16	
Building and equipment funds	1,168,668.85	
Radium funds	118,214.90	2,049,503.44
Total liabilities and funds		$3,286,517.53
Deduct deficit		352,627.44
		$2,933,890.09

In addition to the liabilities represented above, there were accrued liabilities for interest and sundry expenses amounting to approximately $5,000 as of December 31, 1930.

FORM OF BEQUEST

I hereby devise and bequeath to the NEW ENGLAND DEACONESS HOSPITAL, an institution duly incorporated under the laws of the Commonwealth of Massachusetts, the

SUM OF $.....

(Here insert the amount of money bequeathed, or a description of personal or real property, or both, or if it be the residue of the estate, make that fact clear.)

FOR.....

(Here may be indicated the general work of the hospital, or any specific line of work which the hospital undertakes.)

Signed.....

Address.....

Make all checks payable to the New England Deaconess Hospital, Boston, Massachusetts

REPORT OF THE SUPERINTENDENT TO THE ANNUAL MEETING OF THE CORPORATION

JANUARY 27, 1931

I hardly need remind you that this has been an unusually difficult year, financially, for all business. Hospitals have suffered especially.

Every hospital convention of the year has brought forth reports of low census, decreased income and difficult collections. There has been increased demand for free work and the less expensive accommodations have been sought, leaving the private accommodations empty.

It is not the purpose of hospitals to make money. They have no provision in their economy for dividends. In fact, most hospitals (except privately owned) show an annual deficit in their operating account, according to the amount of charitable work done. Only by endowments and special contributions for free work are hospitals of this character able to exist.

The amount of free work during the past year was larger than the previous year, which was to be expected considering the times. We expended approximately $130,000.00 during 1929 for free and part-pay service, for which the hospital received no financial return. Our expenditure for the same service during 1930 was $20,000.00 more — approximately $150,000.00. To apply against this we received $73,283.79 in gifts from friends of the hospital for free work, leaving a deficit of $76,716.21. Our interest charges, however, were almost as large as this deficiency, showing that if it were not for our indebtedness, we would be able to run the hospital without accumulating deficits.

We have had some unusual expenditures during the past year. Our repair bill was practically doubled because this had been neglected during the previous year. We installed a new cafeteria, which has given our employees a far more pleasant place to eat, and has already proven an economic advantage. The saving because of this will be even greater during the coming year.

We rebuilt a portion of our laundry and installed new laundry machinery that we might be able to do the Palmer laundry as well as the Deaconess. This, we anticipate, will save us from $5,000.00 to $8,000.00 during the year ahead.

We reconstructed the basement of the white house that we might have additional storage for futures. This has given us convenience as well as additional savings.

In October we established a direct mail office to take care of all appeals for the Free Service Funds. Formerly all of this was done outside by commercial firms. We have already found that this is a great economy, saving us nearly 50 per cent of the former expense, and also giving us a personal contact with donors and a care in handling

the work which we could not possibly get from a commercial firm.

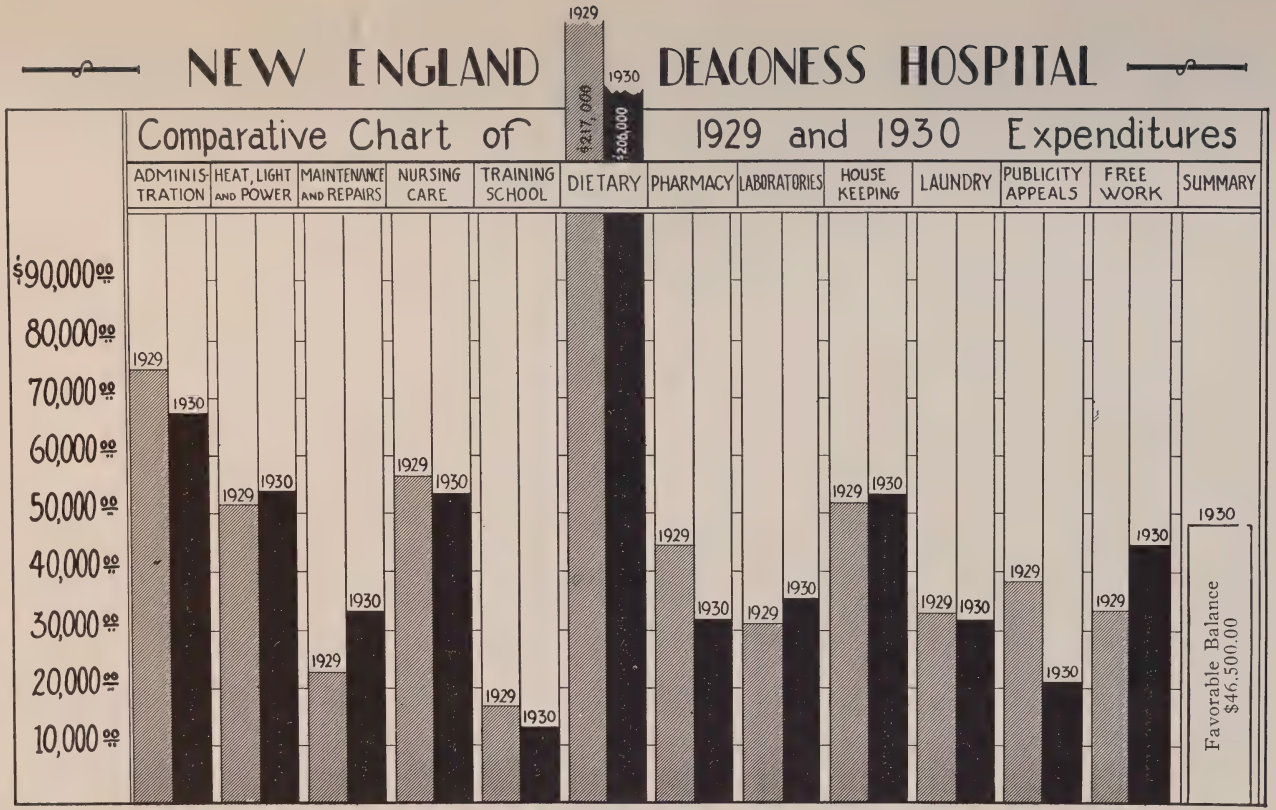
Other and smaller improvements, but equally important, have been — painting the interior of the majority of the rooms in Harris Hall; building a new nurses' trunk room in the basement of the Nurses Home; the installation of a new ventilating system in the Deaconess kitchen and the chemical laboratory; refinishing the interior of the faculty house; curtaining the skylights of the operating rooms; replastering the entire tunnel; laying a new rubber tile floor in the Deaconess entrance, also in the chemical laboratory and central service kitchen; building a private admitting office at the Deaconess and completely remodelling the old superintendent's office for the Nurse Training School office; building a beverage kitchen in the Deaconess; remodelling the interns' quarters in the old Brodbeck cottage; and building nurses' cloak cabinets on the second, third and fourth floors at Deaconess. We had to spend considerable on grading and fixing Deaconess Road, as well as the parking space for cars. A new hot water system was installed in the laundry which cost us nearly $1,000.00. We purchased a new autoclave for the Deaconess sterilizing room and a new potato peeler for the Deaconess kitchen, and a number of other expensive pieces of utility machinery.

All of the above increased our general expenses for the year more than $20,000.00. These expenses — some of them absolutely necessary — others which will give us decided advantage and saving in the future, came during an abnormal year when the census and the corresponding income was low. In spite of this fact, however, and with an increased amount of free work, we would have closed the year practically without deficit had it not been for our large interest charge, which is a compelling evidence of the fact that we must, at the earliest possible moment, make an earnest effort to move this burden from our shoulders. It is not the function of this body to initiate such an effort, but if the Trustees decide to do this, as I hope they will, I trust they will have the united support of the Corporation.

Attention should be called to the fact that we face some further capital expenditures in the near future. The present heating plant, for example, is twenty-five years old and will not carry any further load; in fact, it is not carrying its present load gracefully. We have continual trouble in the laundry because we cannot get enough pressure. This is but another evidence of the necessity of raising capital funds to meet, not only our indebtedness, but our constructive needs.

In spite of a hard year and a low census, however, we have made some gratifying savings. I have had these charted that the eye may quickly grasp them.

(See chart on opposite page.)


NEW ENGLAND DEACONESS HOSPITAL
Comparative Chart of 1929 and 1930 Expenditures
1929
$217,000
1930
$206,000
ADMINISTRATION
HEAT, LIGHT AND POWER
MAINTENANCE AND REPAIRS
NURSING CARE
TRAINING SCHOOL
DIETARY
PHARMACY
LABORATORIES
HOUSE KEEPING
LAUNDRY
PUBLICITY APPEALS
FREE WORK
SUMMARY
$90,000.00
80,000.00
70,000.00
60,000.00
50,000.00
40,000.00
30,000.00
20,000.00
10,000.00
Favorable Balance
$46,500.00

In making these savings I believe that the character of our service has not been impaired. There is a point, however, where we must halt or our reputation will suffer. We cannot reduce our service to the level of a city hospital without losing our reputation and clientele.

You will be glad to know that we have received during the year $171,786.33 in capital gifts beside $23,689.25 for special funds. The most important single contribution during the year was a gift in excess of $100,000.00 for additional radium and radium equipment. We now have two grams of radium — a gram and a half in solution and a half gram in radium element. This is more than half the radium supply of all Boston. In this connection we have built a concrete vault 14 x 10 with concrete and steel walls, ten inches thick, protected on the operating side by lead lining; also an emanation plant, which is the finest of its kind in the world with the exception of the one in Paris. We have every reason to be proud of this plant and our supply of radium, more particularly because Palmer Memorial Hospital was selected by the donors as the ideal place in New England for this gift.

Another thing of far-reaching importance is the change which has been effected in the Staff reorganization. Our work groups itself quite naturally into four departments — the work at Palmer for cancer and chronic diseases; the diabetic work under Dr. Joslin's Clinic; the work under the Lahey Clinic, and our general work at the Deaconess. After a great deal of careful study and conference it was decided to divide our staffs into four units, following the natural divisions above mentioned, each staff to elect its own representative, and these four, together with a fifth, elected by them, to form an Administrative Staff. This gives direct representation to all doctors and provides a small authoritative body, with which the trustees can work effectively.

The Palmer Staff has, also, followed our recommendation in agreeing that ten beds at the Palmer Hospital be available for the Associate and Consulting Staffs of the Deaconess Hospital when they are not needed for cancer cases. This gives us flexibility in administration which is greatly desired.

This report would be incomplete without a word concerning the character of work we were originally organized to do. We do not forget that this is a Christian institution founded by the vision and sacrifice of a great church. It is our constant endeavor to keep that spirit always paramount. I do not believe that spirit can manifest itself solely, or perhaps most effectively, in the ritual of the church, although these are not omitted in our daily program. Our chaplains are ever active in the service of consolation and assurance.

There must be more, however, than these. The spirit which manifests itself in doctor, nurse and employee toward patient and visitor

can and should reveal the life of the Great Physician. If such a spirit does not, our formal declarations and professions are of little avail. Certainly, this spirit is nearest to the ideal when it manifests itself toward the poor. Many an illustration could be given, if space permitted, showing the uplifting and all-inspiring effect of this spirit throughout our institution. I am here reminded of the words Jesus sent back to John the Baptist when he sought evidence of His mission and purpose. "Tell him," said Jesus, "the lame walk, the blind see, the poor have the gospel preached unto them." In a very real way we carry on this mission of Christian hope.

I cannot close this report without expressing my indebtedness to the President of the Hospital, the Chairman of the Executive Committee, and to all those who have been so closely identified with the interests of the Hospital and have so graciously given of their time and counsel to its work.

I am glad to pay tribute, also, and express appreciation to all those who work daily with me in the hospital. Miss Hagen has undertaken her new duties with unusual understanding. It has not been an easy task, but the spirit and experience which she brings into the work and the harmonious cooperation which she has inspired, have already, we feel, justified the step we have taken.

Miss McVicker, our Superintendent of Nurses, further proves her ability and character. Her department functions smoothly with despatch, and has done this through a trying year at a saving in expense.

Dr. Warren has been unstinting in his cooperation in every possible endeavor for the good of the hospital, and has done this often at real sacrifice to his other arduous duties.

If time permitted, I could mention many of our Medical Staff representatives who have been giving much time at real personal sacrifice for the work. This is especially true of the members of the Administrative Staff.

It looks as though we had a hard year ahead of us. There is no evidence, at the present time, that the economic situation will be much better. We also face the need and I trust the effort of raising a large capital sum of money to stabilize our finances. It is going to demand the best from us all.

Warren F. Cook,
Superintendent.

Deaconess Hospital Annuities

A life annuity bond is an investment which is profitable to the holder during his life, and at his decease becomes a source of blessing to the sick. Persons intending that their wealth at death shall be applied in direct aid to the sick, but *who are to a greater or lesser extent, dependent upon income from their invested money*, find our life annuity bonds completely satisfactory.

Life annuity bonds are absolutely safe. Behind them is the great hospital property — buildings, grounds, and equipment — tangible assets of no uncertain value. Also the holder is protected by a reserve fund which the insurance laws of Massachusetts require. Interest is quarterly, and we have never missed a payment in the history of the hospital. The interest rate is based upon the age of the donor.

Age	*Rate per cent*	*Age*	*Rate per cent*	*Age*	*Rate per cent*	*Age*	*Rate per cent*
40	4	50	5	60	6	70	7
41	4.1	51	5.1	61	6.1	71	7.1
42	4.2	52	5.2	62	6.2	72	7.2
43	4.3	53	5.3	63	6.3	73	7.3
44	4.4	54	5.4	64	6.4	74	7.4
45	4.5	55	5.5	65	6.5	75	7.5
46	4.6	56	5.6	66	6.6	76	7.6
47	4.7	57	5.7	67	6.7	77	7.7
48	4.8	58	5.8	68	6.8	78	7.8
49	4.9	59	5.9	69	6.9	79	7.9

We will be glad to answer further inquiries about our life annuity bonds. Address your communication to the Superintendent of the Hospital

MEDICAL ADMINISTRATION

ADMINISTRATIVE STAFF

Shields Warren, M.D., *Chairman*

Sylvester F. McKeen, M.D.	Deaconess General Unit
Daniel Fiske Jones, M.D.	Palmer Memorial Unit
Elliott P. Joslin, M.D.	George F. Baker Clinic for Chronic Disease
Frank H. Lahey, M.D.	Lahey Clinic

DEACONESS DIVISION

PHYSICIANS AND SURGEONS

Z. B. Adams, M.D.
Arthur W. Allen, M.D.
James B. Ayer, M.D.
William B. Breed, M.D.
G. W. W. Brewster, M.D.
F. Gorham Brigham, M.D.
G. Colket Caner, M.D.
R. B. Cattell, M.D.
Howard M. Clute, M.D
Robert C. Cochrane, M.D.
Harvard H. Crabtree, M.D.
Arthur A. Cushing, M.D.
Ernest M. Daland, M.D.
Carl H. Ernlund, M.D.
Harry W. Goodall, M.D.
Arthur M. Greenwood, M.D.
Burton E. Hamilton, M.D.
Edwards W. Herman, M.D.
Albert A. Hornor, M.D.
Gilbert Horrax, M.D.
Henry T. Hutchins, M.D.
Sara M. Jordan, M.D.
Varaztad H. Kazanjian, D.M.D., M.D.
Donald S. King, M.D.
C. Guy Lane, M.D
Walter A. Lane, M.D.
Roger I. Lee, M.D.
George A. Leland, Jr., M.D.
Halsey Beach Loder, M.D.
Charles C. Lund, M.D.
Leland S. McKittrick, M.D.
Joe Vincent Meigs, M.D.
Richard H. Miller, M.D.
Leroy M. S. Miner, D.M.D., M.D.
L. B. Morrison, M.D.
Frank A. Pemberton, M.D.
Oscar J. Raeder, M.D.
Lyman Richards, M.D.
Mark H. Rogers, M.D.
William A. Rogers, M.D.
Howard F. Root, M.D.
Dwight L. Sisco, M.D.
Lincoln F. Sise, M.D.
Warren R. Sisson, M.D.
George Gilbert Smith, M.D.
William B. Stevens, M.D.
Louisa Paine Tingley, M.D.
R. S. Titus, M.D.
George L. Tobey, Jr., M.D.
Harold G. Tobey, M.D.
R. G. Wadsworth, M.D.
J. Herbert Waite, M.D.
Irving J. Walker, M.D.
Priscilla White, M.D.
J. F. Kelly, B.S.C. Chiropodist

PALMER MEMORIAL DIVISION

PERMANENT STAFF

Elliott P. Joslin, M.D.	Honorary Consulting Physician
Daniel Fiske Jones, M.D.	Surgeon in Chief
F. Gorham Brigham, M.D.	Physician in Chief
Shields Warren, M.D.	Pathologist

VISITING STAFF

Surgeons

Edwards W. Herman, M.D.	Laryngologist
George A. Leland, Jr., M.D.	
Leland S. McKittrick, M.D.	
George Gilbert Smith, M.D.	

Physicians

John W. Meachen, M.D.	Roentgenologist
L. B. Morrison, M.D.	Roentgenologist
Wyman Richardson, M.D.	

Assistant Surgeon

Carl H. Ernlund, M.D.	Laryngologist

Assistant Physician

H. Archibald Nissen, M.D.

CONSULTANTS

Joseph C. Aub, M.D.	Medicine
Ernest M. Daland, M.D.	Surgery
Robert B. Greenough, M.D.	Surgery
Arthur M. Greenwood, M.D.	Dermatology
Burton E. Hamilton, M.D.	Cardiology
Gilbert Horrax, M.D.	Neurological Surgery
Varaztad H. Kazanjian, D.M.D., M.D.	Oral Surgery
Richard H. Norton, Jr., D.M.D.	Oral Surgery
William A. Rogers, M.D.	Orthopedic Surgery
Channing C. Simmons, M.D.	Surgery
J. Herbert Waite, M.D.	Ophthalmology

OUT PATIENT STAFF

Surgeons to Out Patients

Fletcher H. Colby, M.D.	Charles L. Swan, M.D.
Edwin P. Hayden, M.D.	Richard Sweet, M.D.
Charles C. Lund, M.D.	Grantley W. Taylor, M.D.
Joe V. Meigs, M.D.	

Physicians to Out Patients

Francis T. Hunter, M.D.	Millard Smith, M.D.

ASSOCIATE STAFF

Frank H. Lahey, M.D. Howard F. Root, M.D.
Howard M. Clute, M.D.

REPORT OF THE MEDICAL STAFF

This past year was the first since the general scheme of hospital administration has been changed, grouping the Deaconess Hospital proper, the Palmer Memorial Hospital and the Nurse Training School as a unit. This has resulted in increased efficiency of operation decidedly to the advantage of both the patients and the Staff.

The work of the Staff has been without marked change, the same advantageous grouping within the hospital walls of highly specialized treatment for diabetes, cancer, thyroid diseases and gastro-intestinal disorders being available for patients without encroachment on the facilities for the general care of patients.

As a natural correlary of the growth of the hospital, its work has this year, as in the past, attracted as visitors a large number of physicians, 856 from 41 states and 27 foreign countries. Their presence has been a stimulus to further effort.

Paralleling the free work of the hospital is the considerable amount of work done by the Staff for patients without compensation. Not only is no charge made to those patients who are guests of the hospital, but also those patients who are able to pay only for their hospital accommodations, a considerable number, are given free care by the Staff. The Staff feels that if a patient has only sufficient funds to pay the hospital without hardship that all such funds should go to the hospital.

An outstanding advance is the increase in the radium supply of the Palmer Memorial Hospital through the gift of an anonymous donor. This brings the amount of radium available to two grams. One and one-half grams are placed in the newly constructed emanation plant. For the planning and supervision of this plant the hospital is deeply indebted to Dr. William C. Duane. The remaining one-half gram of radium is in the form of platinum applicators. Under the terms of the gift, surplus radium is made available for the use of other hospitals in Boston with organized cancer clinics, thus insuring optimum utilization of this powerful therapeutic agent.

The work of the laboratories has continued to increase markedly. This is strong evidence of the advantage to both patient and doctor of the flat laboratory fee.

Shields Warren, M.D.
Chairman.

Fighting Cancer with Laboratory Research

REPORT OF THE PATHOLOGIST

The work of the laboratories for 1930 has maintained a surprisingly high level in view of the general business depression and the *lessened number* of hospital admissions which have characterized the year. For convenience, the work of the Chemical Laboratory, housed in the New England Deaconess Hospital, and of the Laboratory of Pathology, housed in the Palmer Memorial Hospital, is considered separately.

Chemical Laboratory

The statistics for the examinations performed in the Chemical Laboratory are given below and show a considerable increase over last year.

Urinalyses	
Complete	12,713
Incomplete	41,465
Blood Examinations	
Chemical	13,641
Clinical	7,183
Gastric Analyses	1,227
Feces Examinations	6,888
Spinal Fluid Examinations	155
Total	83,272

The large number of routine examinations include some of the more difficult technical procedures done for certain other hospitals. The routine activities of the laboratory have been cared for by the usual staff under the guidance of Miss Hazel M. Hunt. The research activities, particularly those supported by the Joslin Diabetic Unit and devoted to the advancement of knowledge of the chemical phases of diabetes, have been carried on by Miss Mary Irwin, Miss Helen Updegraff, and Mr. Earl R. Lehnherr. Miss Updegraff has been working particularly on analyses of lens from cases of cataract. A careful study of the cholesterol content of the blood in patients suffering with thyroid disease was carried on in cooperation with the Lahey Clinic.

As in the past, close cooperation has been maintained with the Department of Biological Chemistry at the Harvard Medical School through Miss Hazel M. Hunt.

In order that the laboratory may meet its work at all times a group of medical students has been available evenings, Sundays and holidays, as in the past.

Several material improvements have been made in the past year, notably a ventilating system and the replacement of worn microscopes with new.

Laboratory of Pathology

The volume of routine work has increased over the preceding year, there being 3,500 surgical specimens, 178 autopsies, 1,757 bacteriological examinations, and 756 electrocardiograms. The number of electrocardiograms has increased very materially, as has the number of bacteriological examinations.

In addition to these various procedures the laboratory has performed weekly examinations for bacteria and fat content of the milk and cream utilized by the hospital, as well as monthly tests of the various operating room sterilizers.

In March, 1930, Dr. John A. Ferguson was obtained as Assistant Pathologist and has taken a share of responsibility for the laboratory routine as well as making possible more systematic supervision of the pathological house officers.

The most important accession of equipment during the year was the purchase (from Diabetic Store funds) of a Sanborn Electrocardiograf of the portable type, which has been utilized with very considerable satisfaction and has saved both expense and time of operators as compared with the Hindle machine previously used.

The research work of the laboratory has been conducted along several lines. Histological studies of malignant disease, with particular attention to the so-called grading of the malignancy of various types of cancer are being carried out. In connection with these, useful facts regarding the relative malignancy of the cancers of the thyroid gland have been developed.

The studies on the pathology of diabetes mellitus have been actively pursued and led to the publication in August, 1930, of a monograph on the "Pathology of Diabetes."

An exhibit of thyroid pathology was again demonstrated in conjunction with the Lahey Clinic at the annual meeting of the American Medical Association at Detroit.

The work on tissue culture was continued during the early part of the year, but was laid aside in favor of detailed studies of the electromyograms of the developing chick heart, which have been carried out by Dr. Herbert Pollack, interne in pathology, and Mr. Maurice Dionne, student assistant. These studies have developed for the first time not only a practical method of recording accurately and amplifying the electrical impulse of the chick heart, but have also given a valuable instrument for the determination of the effect of minute amounts of drugs on cardiac muscle.

The close relationship with other hospitals is continued, the laboratory doing the pathological work for the New England Baptist Hospital, the Robert B. Brigham Hospital, and the House of the Good Samaritan.

By chance a considerable portion of the work of overseeing the

newly installed radium plant has fallen upon the Pathologist, and this has added considerably to the demands on his time.

As usual combined clinico-pathological studies of various unusual and instructive cases have been made and some of these have been published. A list of the publications of the laboratory for the year is appended.

SHIELDS WARREN, M.D.
Pathologist.

PUBLICATIONS

Warren, Shields — The Effect of Insulin on Pathologic Glycogen Deposits in Diabetes Mellitus. Am. J. Med. Sci., 1930, *179*, 482.

Warren, Shields — Generalized Amyloidosis of the Muscular Systems. Am. J. Path., 1930, *6*, 161.

Warren, Shields — The Pathology of Diabetes Mellitus. Lea and Febiger. 1930.

Warren, Shields, and Stoller, William — The Significance of Acidophilic Cells in the Thyroid Gland. N. E. J. Med., 1930, *203*, 523.

Hunt, H. M. (Mason, R. L., Hunt, H. M., and Hurxthal, L.) — Blood Cholesterol Values in Hyperthyroidism and Hypothyroidism — their Significance, N. E. J. Med., 1930, *203*, 1273.

Pollack, Herbert (Introduced by Shields Warren) — A Technique for Recording Electrical Changes in Isolated Chick Embryo Hearts, Proc. Soc. Exper. Biol. and Med., 1930, *28*, 61–62.

Pollack, Herbert, and Dionne, Maurice — Developmental Aspects of the Electrocardiogram. Proc. Soc. Exper. Biol. and Med., 1930, *28*, 63.

LEARNING THE FUNDAMENTALS IN OPERATING ROOM TECHNIQUE

THE BAKER CLINIC

Through a gift of the late George F. Baker we are about to begin construction of the Baker Clinic on the lot between the present Deaconess and Palmer buildings, overlooking the Riverway. This will provide 43 beds for diabetic patients, and release as many for general cases in the Deaconess building where these patients are now lodged.

The Clinic will afford all the latest approved methods for the care and treatment of Diabetes, and will lack nothing for expert service to those afflicted with the disease.

The new building will also contain offices for all the hospital units, as well as a completely equipped laboratory.

For later construction the plans include a wing containing 40 beds which will, when added, be the headquarters for our thyroid work. This will again release beds in the Deaconess for general cases.

The advantages of this new Baker Clinic are obvious therefore, and twofold: By caring for patients with one of two specific diseases it can offer EVERYTHING in the way of modern, scientific, approved treatment. By taking over these cases, the clinic gives the Deaconess 80 or more beds for regular surgical or medical cases.

FOOT ROOM FOR DIABETICS

REPORT OF THE SCHOOL OF NURSING

During the year fifty-nine students have been admitted to the School; forty-six have been graduated and twenty have withdrawn.

During the last month of the year we were obliged to employ temporarily a large number of graduate floor duty nurses (fourteen at New England Deaconess and three at Palmer Memorial). This increase in graduate nurse personnel was made necessary by three factors: (1) an exceptionally large group of students completing their courses at the same period; (2) the necessity for sending out more students than usual on affiliation at the same time because of the delay caused in rounding out required affiliations for this large class; (3) the reaching of the peak of the customary winter respiratory infections.

The total number of days lost because of illness and absence due to illness was 1,132.

On March first the number of student nurses assigned for duty at Palmer Memorial was increased to seventeen and beginning at this time graduate floor duty nurses were no longer employed there on either Floor III or Floor IV. This student nurse service, however, somewhat increased the personnel as the night hours of duty were divided into 3–11 P.M. and 7–11 P.M. services in order to conform to our eight hour night regulation for students. The Technician formerly employed in the Palmer Memorial X-Ray Department has been replaced by two graduate nurses both of whom serve part time in the Out-Patient Department.

In December we began accepting monthly three affiliates from the Children's Hospital School of Nursing for one month's experience in adult operating room technique. At this same time the Children's Hospital agreed to accept two additional students for pediatric experience from this School, making a total of nine.

Inasmuch as the problem of adequate pediatric experience for our students has been of considerable concern in the past we were very glad to be able to increase our affiliations with the Children's Hospital.

Seven hundred and twenty-nine letters of inquiry have been received, 100 more than during the preceding year.

The third report from the committee on the grading of Nursing Schools (national) was recently received. This committee began an extensive 5 year program of study in 1926. The results of the studies gathered from the investigation have been received in 3 sections. This final booklet contains a summary of the committee's findings in relation to student nurse preparation and education. It is encouraging to note that our school is checked most frequently in the highest of the four quarters into which the lists are divided. There are some checkings, too, which tell us that we should make certain further adjust-

ments if we are to give our students the best preparation possible and at the same time adequately care for our patients.

It is decidedly gratifying to know that this School as an educational institution compares favorably with the best group, and that we are giving acceptable preparation to these young women who — in the majority — have personally chosen the profession of nursing as their expression of Christian service.

The year ended with the following enrollment of graduate and student nurses:

Superintendent of Nurses and Principal, School of Nursing	1
Assistant Superintendent of Nurses	2
Instructors	2
Supervisors	4
Night Supervisors	2
Head Nurses	10
Student Nurses	117
Affiliates	3
Preliminary Students	35
	176

On duty at Palmer Memorial

Supervisor of Nurses and Attendants	1
Assistant Supervisor of Nurses and Attendants	1
Supervisors	2
Night Supervisors	2
Head Nurses	4
Supervisory Attendants	2
Attendants	16
Student nurses (included above)	14
	42

MABEL MCVICKER, R.N.
Superintendent of Nurses.

SOCIAL SERVICE

Report of the Field Secretary

For the eighth time, the Field Secretary submits his Annual Report. From beneath the industrial depression and its financial ill effects, there looms this most encouraging fact, that *amid such times*, our Methodist constituency responds to a proper presentation of our work whether that be made verbally or by motion picture program.

A brief survey of the Field Secretary's work which is primarily that of publicity, reveals the following facts:

In eight years the motion picture program has been shown 643 times. Almost a hundred verbal presentations of the work have been made. To do all of this, about 15,000 miles a year have been traveled. The remaining one hundred or more unvisited Methodist Churches are mostly rural and very small, and because some are not equipped with electricity a satisfactory rendering of our motion picture program is impossible.

During the past year, six months were in part devoted to the work of the New England Deaconess Association, during which time weekly visits were made to each outlying institution in addition to the regular White Cross work.

In all the motion picture programs, Mrs. Hinchliffe has accompanied the Field Secretary as an invaluable aid as operator of the motion picture machine.

We have loved our work. The parsonage folks, all over the area have been most kind and hospitable. Fine and lasting friendships have been formed. We covet another and still other years of service in the interest of New England Methodism's Healing Ministry.

Respectfully submitted,

E. V. Hinchliffe.

HOSPITAL CARE FOR THE WORTHY POOR IS WHOLLY DEPENDENT ON THE GIFTS OF INTERESTED FRIENDS

Children's Ward (Many of the Patients Are Young Diabetics)

DEACONESS AID SOCIETY OF NEW ENGLAND, INC.

Treasurer's Report

RECEIPTS

Memberships		
Annual	$294.25	
8 Life members	40.00	
1 Memorial	5.00	
36 Sustaining	40.00	
		$379.25
Gifts	$235.17	
Mite boxes } for Free Bed Work in Hospital	465.21	
Interest on Endowment Fund } for Free Bed Work in Hospital	500.00	
Dime Cards (for Concord Home)	90.05	
Luncheons	34.50	
Interest on bank account	20.49	
Flower collections	26.45	
Bazaar (November 1929)	37.20	1,409.07
Total receipts		1,788.32
Balance January 7, 1930		1,015.35
		$2,803.67

DISBURSEMENTS

Corresponding Secretary's expenses	$31.95
Printing, postage, etc	27.50
Gifts	326.60
Refreshments—Nurses' Graduation	41.76
Teas	8.35
Concord Home — Current Expenses	400.00
" " Endowment Fund	50.00
" " Committee	50.00
Hospital Committee (Christmas cheer)	10.00
Dime cards	6.00
Flower collections	26.45
Guests in Hospital	877.15
Medical care in Concord Home	200.00
Wilbur Health Home	40.00
	$2,095.76
Balance January 5, 1931	707.91
	$2,803.67

Florence S. Wight, *Treasurer*,
26 Glen Street, Malden, Massachusetts.

SERENA C. WEBSTER FUND

(In Malden Savings Bank)

Balance January 7, 1930	$227.36
Interest	11.49
Balance January 5, 1931	$238.85

No disbursements

AUDITOR'S REPORT

(Copy)

This is to certify that the accounts of Mrs. Florence S. Wight, Treasurer, have been carefully audited, the same found correct, and vouchers sufficient.

Elizabeth H. Noble, *Auditor.*

Mrs. H. E. Noble,
140 Clifton Street,
Malden, Massachusetts.

January 26, 1931.

PUBLICATIONS AND ADDRESSES

By Staff Members and Their Associates

1930

ALLEN, Arthur W.

Publications

"Recent advances in the treatment of circulatory disturbances of the extremities." Ann. Surg., 1930, *92*, p. 931.

Addresses

"Review of the present management of circulatory disorders of the extremities." Brockton Medical Society, Brockton, Mass., January.
"General considerations of the peripheral circulatory clinic." Wisconsin Clinical Surgical Club, Boston, February.
"Treatment of circulatory disturbances of the extremities." Fall River Medical Society, Fall River, Mass., February.
"Acute abdominal emergencies." Pittsfield Medical Society, Pittsfield, Mass., March.
"Thyroid." Winchester Nurses Hospital, Winchester, Mass., June.
"Peripheral embolectomy and general management of peripheral circulatory disturbances." New England Surgical Society, Boston, September.
"Internal injuries." Vermont State Medical Society, Burlington, Vt., October.

AUB, Joseph C.

Publications

"A case of osteitis fibrosa cystica (osteomalacia ?) with evidence of the hyperactivity of the parathyroid bodies. Metabolic Study II." Jour. Clin. Invest. 1930, *8*, p. 229.
"Calcium and phosphorus metabolism." The Harvey Lectures, 1928/29. Baltimore. Williams & Wilkins. 1930, p. 151.

Addresses

"Recent advances in internal secretions." Worcester, Mass., January; Springfield, Mass., March; Pittsfield, Mass., and Rhode Island State Medical Society, Providence, R. I., May; County Medical Society, Cincinnati, O., Los Angeles and San Diego, Cal., December.
"Lead poisoning." County Medical Society, Buffalo, N. Y., May.
"Importance of diet in fractures." American Orthopedic Society, Plymouth, Mass., June.
"Clinical importance of Ca and P in medicine." California Academy of Medicine, 60th Anniversary, San Francisco, Cal., December.

AYER, James B.

Publications

"Symptoms and signs of tumors involving the spinal cord." New Eng. Jour. Med., 1930, *203*, p. 295.

BREED, William B.

Publications

"Paralysis following anti-rabic treatment, with case report." New Eng. Jour. Med., 1930, *202*, p. 151.
"A rectal temperature recording apparatus." *Ibid.*, p. 616.

ADDRESSES

"A rectal temperature recording apparatus." American College of Physicians, Minneapolis, Minn., February.

CATTELL, R. B.

PUBLICATIONS

"Thyroglossal cysts and sinuses." Ann. Surg., 1930, *92*, p. 57. (With Howard M. Clute.)

ADDRESSES

"The end results in gall bladder surgery." County Medical Society, Brooklyn, N. Y., March.

"Goitre." Yonkers Academy of Medicine, Yonkers, N. Y., March; New Brunswick Medical Society, St. Andrews, N. B., June.

"The injection treatment of varicose veins." County Medical Society, Bethel, Me., May; Industrial Physicians, Hood Rubber Co., Watertown, Mass., October.

"Parathyroid tetany." Indianapolis Academy of Medicine and Surgery, Indianapolis, Ind., October.

"The surgical treatment of goitre." New Bedford Medical Society, New Bedford, Mass., November.

CLUTE, Howard M.

PUBLICATIONS

"Hyperthyroidism and pregnancy." Am. Jour. Med. Sc., 1930, *179*, p. 477.

"Recurrent and persistent hyperthyroidism." Surg., Gynec. and Obstet., 1930, *51*, p. 136.

"The diagnosis of borderline hyperthyroidism." New Eng. Jour. Med., 1930, *202*, p. 1135.

"Total gastrectomy for cancer of the stomach. A case report." *Ibid.*, *203*, p. 909.

"The operative mortality in hyperthyroidism." Jour. Am. Med. Assn., 1930, *95*, p. 389.

"Common duct stones." *Ibid.*, p. 1568.

———, and R. B. Cattell.

"Thyroglossal cysts and sinuses." Ann. Surg., 1930, *92*, p. 57.

COCHRANE, Robert C.

ADDRESSES

"Thyroid disease." Malden Hospital Training School for Nurses, Malden, Mass., February.

COLBY, Fletcher H.

PUBLICATIONS

"Torsion of the spermatic cord with gangrene of the testicle." New Eng. Jour. Med., 1930, *203*, p. 16.

"Intravenous urography." *Ibid.*, p. 470.

"Lymphosarcoma of both testicles, metastatic from nasopharynx." *Ibid.*, p. 657.

"Bladder symptoms from diverticulitis of the sigmoid." *Ibid.*, p. 805

"Varix of the urethra with hematuria." *Ibid.*, p. 1011

ADDRESSES

"Lymphosarcoma of both testicles, metastatic from nasopharynx." New England Branch of the American Urological Society, Boston, February.

"Varix of the urethra with hematuria." *Ibid.*, April.

"Patent urachus." *Ibid.*, November.

"Torsion of the spermatic cord with gangrene of the testicle." American Urological Society, New York, N. Y., June.
"Intravenous urography." Massachusetts Medical Society, Plymouth, Mass., June.
"Bladder symptoms from diverticulitis of the sigmoid." Staff Meeting, Massachusetts General Hospital, Boston.

DALAND, Ernest M.

Publications

"Gastrostomy as a palliative measure." New Eng. Jour. Med., 1930, *203*, p. 317.
"Interscapulo-thoracic amputation." *Ibid.*, p. 722.
"The Pondville Hospital." Surg. Gynec. and Obstet., 1930, *52*, p. 527.

Addresses

"Plastic surgery of the face." Telamedical Society, Athol, Mass., February.
"Address at the opening of the addition to the Pondville Hospital." To the public, Wrentham, Mass., May.
"The Pondville Hospital." American College of Surgeons, Philadelphia, Pa., October; Roxbury Society for Medical Improvement, Cambridge, Mass., December.
"Cancer of the breast." New England Roentgen-Ray Society, Wrentham, Mass., December.

GREENOUGH, Robert B.

Publications

"Cancer clinics." New Eng. Jour. Med., 1930, *202*, p. 426.

Addresses

"Cancer service in Massachusetts." Memorial Hospital, New York, N. Y., March.
"The tumor clinic of the Massachusetts General Hospital." American College of Surgeons, Philadelphia, Pa., October.
"What shall the American Society for the Control of Cancer say to the layman regarding the organization of special cancer services in general hospitals and cancer clinics." American Society for the Control of Cancer, Directors, New York, N. Y., December.

HAGGART, Gilbert E.

Addresses

"Physiotherapy in the treatment of fractures." New England Physiotherapy Society, Boston, January.
"Low backaches and pains." New Haven Medical Society, New Haven, Conn., April.
"Shoulder joint disability." Mercy Hospital Staff, Springfield, Mass., May.
"Diagnosis and treatment of low back pain." Medical Club of Haverhill, Haverhill, Mass., November.
"Diagnosis and treatment of subacromial bursitis." American Society for Physical Therapy, Boston, November.
"Painful shoulders." Lawrence Medical Club, Lawrence, Mass., November.

HAMILTON, Burton E.

Addresses

"Heart defects in relation to pregnancy." Public lecture, Harvard Medical School, Boston, February.
"Thyroid heart." Combined meeting of the Manchester Medical Association and the New England Heart Association, Manchester, N. H., March.

"The heart — its function and disorders." Young Men's Christian Association, Boston, March.
"Heart disease in relation to pregnancy." Norfolk District Medical Society, Boston, March.
"Clinical aspects of certain rare cardiac disorders." Brockton Medical Society, Brockton, Mass., April.
"Heart disease complicating pregnancy." New England Health Institute, Boston City Hospital, Boston, April.
"Prenatal care of cardiacs." *Ibid.*, Boston Lying-In Hospital, Boston, April.
"Thyroid hearts." Bristol North District Medical Society, Taunton, Mass., April.
"Some clinical aspects of rare heart disorders." Worcester Practitioners Club, Worcester, Mass., April.
"The heart — its function and disorders." Boston School of Occupational Therapy, Boston, Mass., June.
"Clinical aspects of heart failure." Tully Medical Society, Athol, Mass., October.

HAYDEN, Edwin P.

Publications

"Internal hemorrhoids; injection treatment." New Eng. Jour. Med., 1930, *203*, p 218.
———, and John Dunphy.
"Evaluation of abdominal pain in children." *Ibid.*, p. 791. (Case No. 16422, Case Records, Mass. Gen. Hosp.)
———, and William W. Shedden.
"Carcinoma of the rectum. A study of three hundred cases." Surg. Gynec. and Obstet., 1930, *51*, p. 783.

Addresses

"Diagnosis and treatment of common rectal diseases." Lawrence Medical Club, Lawrence, Mass., February; Somerville Medical Society, Somerville, Mass., October.

HICKS, J. B.

Publications

"Carcinoma in diverticulum of the bladder." Jour. Urol., 1930, *24*, p. 205.

HORRAX, Gilbert

Publications

"The pineal body." Oxford System of Medicine, N. Y. Oxford Press, 1930, 3, p. 1017.
"A clinical study of the differentiation of certain pontile tumors from acoustic tumors." Arch. Neurol. and Psychiat., 1930, *24*, p. 1217.

HURXTHAL, Lewis M.

Publications

"The appearance time of T wave changes in the electrocardiogram following acute coronary occlusion, with reports of two cases." Arch. Int. Med., 1930, *46*, p. 657.
"Auricular fibrillation in patients with goitre." Am. Jour. Med. Sc., 1930, *179*, p. 507.
"The size of the heart in goitre." *Ibid.*, *180*, p. 772.
"The cardiovascular system in goitre." Western Jour. Surg., 1930, *I*, p. 74.
"Blood cholesterol values in hyperthyroidism and hypothyroidism — their significance." New Eng. Jour. Med., 1930, *203*, p. 1273.

ADDRESSES

"Electrocardiography." Middlesex Medical Club, Cambridge, Mass., February.
"Medical aspects of surgical cases." Burbank Hospital, Fitchburg, Mass., March.
"The cardiovascular system in goitre." American Association for the Study of Goitre, Seattle, Wash., July.
"Medical treatment of goitre." New Bedford Medical Society, New Bedford, Mass., November.

JONES, Daniel Fiske

PUBLICATIONS

"Carcinoma of the rectum and colon." New Eng. Jour. Med., 1930, *202*, p. 162.
"Diverticulitis of the colon — its relation to carcinoma." *Ibid.*, *203*, p. 459.
"The influence of the transverse upper abdominal incision on the incidence of postoperative pulmonary complications." Surg. Gynec. and Obstet., 1930, *51*, p. 208.
"The operative treatment of carcinoma of the rectum." Transactions of the American Proctological Soc., 1930, *31*, p. 58.

ADDRESSES

"The care of the patient." Harvard Medical School, 4th year students, Boston, February.
"The relation of diverticulitis of the colon to carcinoma." Massachusetts Medical Society, Plymouth, Mass., June.
"The operative treatment of carcinoma of the rectum." American Proctologic Society, Buffalo, N. Y., June.
"The medical and surgical aspects of gall bladder disease." Lewiston, Me., August.
"The use of fascial sutures in surgical procedures." New York and New England Association of Railway Surgeons, New York, N. Y., October.
"Diagnosis and treatment of carcinoma of the rectum and colon." United States Naval Hospital, Chelsea, Mass., December.
"Carcinoma of the colon and rectum." Southern Surgical Association, Lexington, Ky., December.

JORDAN, Sara M.

PUBLICATIONS

"Constipation and catharsis." New Eng. Jour. Med., 1930, *203*, p. 826.
"The present status of peptic ulcer." *Ibid.*, p. 917.
———, and Everett D. Kiefer.
"Diagnosis and treatment of functional disorders of the colon." Med. Jour. and Rec., 1930, *132*, p. 175.

ADDRESSES

"The relation of the gastro-intestinal tract to health." Hospital Aid Association, Newton, Mass., January.
"Health of the digestive tract." Radio talk on Station WBZ, Boston, January.
"Management of biliary tract disease." American Gastro-Enterological Association, Atlantic City, N. J., May.
"The present status of peptic ulcer." Intercity Medical Meeting, Symmes Hospital, Arlington, Mass., May.
———, and Frank H. Lahey.
"Cancer of the colon." New York Academy of Medicine, New York, N. Y., November.

JOSLIN, Elliott P.

Publications

"The abolition of diabetic coma in the United States." Jour. Indiana State Med. Assn., 1930, 23, p. 57.
"Arteriosclerosis in diabetes." Ann. Int. Med., 1930, 4, p. 1.
"Diabetes mellitus." In, Nelson Loose-Leaf Medicine, New York, Nelson, 1930, Vol. 3, p. 55.

Addresses

"Diabetic children." Fifth Ave. Hospital, New York, N. Y., February.
"End results of patients undergoing treatment between 1898 and 1929." New York Academy of Medicine, New York, N. Y., March; Yale Medical Alumni, New Haven, Conn., June.
"Diabetes, its treatment and prevention." Public health radio talk, Station WBZ, Boston, May.
"Diabetes in medicine and surgery." Columbus Society of Internal Medicine, Columbus, O., May.
"Diabetes, its treatment and prevention. A health talk." Gorgas Memorial Institute, Washington, D. C., May.
"Unclassified glycosurias, their significance and outcome." Interstate Post-Graduate Medical Association, Minneapolis, Minn., October.
"The carbohydrates in the body." William Harvey Society, Beth Israel Hospital, Boston, December.
"Miscellaneous papers." American College of Physicians, Minneapolis, Minn.; Wisconsin Surgical Club, Milwaukee County Medical Society, February; New England Health Institute, Boston, April; Montour County Medical Society, Danville, Pa., June; The Diabetic Camp for Children, Cleveland, O., August; New York Medical Association, New York, N. Y., October.

KAZANJIAN, Varaztad H.

Publications

"Prosthetic restoration of deformities of face and jaw." In, Nichols, Ira G. "Prosthetic dentistry." St. Louis, Mosby. 1930, Chap. 28, pp. 471–525.

Addresses

"Plastic surgery of the nose and face." Eye, Ear, Nose and Throat Club, Worcester, Mass., January.
"Treatment of face and jaw injuries, military and civilian." United States Naval Hospital, Newport, R. I., February.
"Prosthetic restoration following deformities of face and jaws." Portland Dental Society, Portland, Me., March.
"Treatment of acute infections of the mouth." Metropolitan District Dental Society, Boston, April; Virginia State Dental Society, Richmond, Va., May.
"Reconstructive surgery with especial reference to facial deformities." Springfield Academy of Medicine, Springfield, Mass., November.
"Treatment of deformities of the face and jaw." Table Clinic. Greater New York Dental Society, New York, N. Y., December.
"Osteomyelitis of the jaw." Vermont Dental Society, Burlington, Vt.

KELLY, John F.

Addresses

"The clinopodial treatment of exastosis of the terminal phalanx of the great toe." Massachusetts Chiropody Association, Boston, September.

KIEFER, Everett D. and Sara M. Jordan.

Publications

"Diagnosis and treatment of functional colon disorders." Med. Jour. and Rec., 1930, *132*, p. 175.

LAHEY, Frank H.

Publications

"Hyperthyroidism associated with cardiac disorders." Surg. Gynec. and Obstet., 1930, *50*, p. 139.
"The surgical management of pharyngo-oesophageal diverticulum based upon an operative experience with twenty-one cases." *Ibid.*, *51*, p. 227.
"A method of two-stage abdominoperineal removal of cancer of the rectum." *Ibid.*, p. 692.
"The treatment of gastric and duodenal ulcer." Jour. Am. Med. Assn., 1930, *95*, p. 313.
"Description of a binocular loupe." *Ibid.*, p. 1975.
"External and internal biliary fistulae following cholecystectomy." Ann. Surg., 1930, *92*, p. 649.

Addresses

"Diagnosis and management of goitre." Bellevue Alumni Association, New York, N. Y., January.
"Problems in diagnosis and treatment of peptic ulcer and gall-bladder disease." Tri-State Medical Association, Memphis, Tenn., January.
"Combined surgical and medical management of gastric and duodenal ulcer." Meeting of Physicians of Chattanooga, Chattanooga, Tenn., January.
"General discussion on the subject of goitre." Meeting of Physicians of Knoxville, Knoxville, Tenn., January.
"Gastric and duodenal ulcer." Brockton Medical Society, Brockton, Mass., February; Buffalo Academy of Medicine, Buffalo, N. Y., March; and Indianapolis Academy of Medicine, Indianapolis, Ind., May.
"Gall-bladder disease." Burbank Hospital, Fitchburg, Mass., February.
"Biliary tract disease." Academy of Medicine, Terre Haute, Ind., May.
"Goitre." Calhoun Foundation Lecture, Augusta, Ga., May; Fifth District Branch of the Medical Society of New York, Little Falls, N. Y., September.
"External and internal biliary fistulae following cholecystectomy." American Surgical Association, Philadelphia, Pa., May.
"Oesophageal diverticula and their treatment." New York State Medical Association, Rochester, N. Y., June.
"The diagnosis and management of goitre." Medical Society of New Jersey, Atlantic City, N. J., June.
"The treatment of gastric and duodenal ulcer." American Medical Association, Detroit, Mich., June.
"Two stage combined abdominoperineal operation for cancer of the rectum." New England Surgical Society, Boston, September.
"Goitre and glandular secretions." Radio broadcast — State Department of Public Health, Station WEEI, Boston, September.
"Toxic goitre." First District Branch of the Medical Society of New York, New York, N. Y., October.
"Mortality factors in thyroid disease." Inter-State Postgraduate Medical Association, Minneapolis, Minn., October.
"Cancer of the large bowel." New Bedford Medical Society, New Bedford, Mass., November.

"Cancer of the colon." New York Academy of Medicine, New York, N. Y., November.
"The management of toxic goitre." Columbus Academy of Medicine, Columbus, O., November.
"The management of goitre and hyperthyroidism." Mütter Memorial Lecture, Mütter Museum of the College of Physicians, Philadelphia, Pa., December.
"Apathetic thyroidism." Southern Surgical Association, Lexington, Ky., December.
———, and Sara M. Jordan.
"Management of biliary tract disease." Gastro-Enterological Association, Atlantic City, N. J., May.

LANE, Walter A.

Addresses

"Diverticulosis." Dorchester Medical Club, Boston, November.
"Traumatic head injuries — diagnosis and treatment." Clinical Club, Boston, November.

LEE, Roger I.

Addresses

"The relation of the medical profession to clinics and health organizations." New England Medical Council, Boston, February.

LELAND, George Adams, Jr.

Publications

"Radium treatment of cancer of the female pelvis." Physical Therapeutics, 1930, *48*, p. 281.

Addresses

"Radiation in carcinoma cervix uteri." Boston Surgical Society, Boston, February.
"Radium in cancer." New England Therapy Society, Boston, April.
"Female genital cancer." New England Health Institute, Boston, April.
"Treatment of compound fractures." Vermont State Medical Society, Burlington, Vt., October.

LUND, Charles C.

Publications

"Arterial embolism and embolectomy. Report of cases." Jour. Am. Med. Assn., 1930, *94*, p. 1128.

Addresses

"Iliac embolism with acute cardiac decompensation." New England Surgical Society, Boston, September.

McKITTRICK, Leland S.

Publications

"The operative treatment of lesions of the lower extremities in diabetes mellitus." Arch. Surg., 1930, *21*, p. 555. (With T. C. Pratt.)

Addresses

"Diabetic surgery." Wisconsin Club, New England Deaconess Hospital, Boston, February; New York Medical Society, New York, N. Y., May; Clinical Congress, Connecticut State Medical Society, New Haven, Conn., September; Norfolk District Medical Society, Boston, November.
"Cancer of the colon." New Bedford Medical Society, New Bedford, Mass., March.

MEIGS, Joe V.

Publications

"Carcinoma of the female genital tract." New Eng. Jour. Med., 1930, *202*, p. 9.
"Endometriosis: Age of occurrence, ovarian conservation, atrophy and growth in the operative scar." *Ibid.*, p. 672.
"The effect of radium on cancer of the cervix." *Ibid.*, *203*, p. 247.
"Benign uterine bleeding, Wilfred Shaw's Groups." Am. Jour. Obstet. and Gynec., 1930, *20*, p. 15.
"Tumors of the parotid gland. A study of 225 cases with complete end results in eighty cases." Surg. Gynec. and Obstet., 1930, *51*, p. 626.

MENARD, Oliver J.

Publications

"Cardiovascular system in goitre." West. Jour. Surg., 1930, *1*, p. 74.
"The size of the heart in goitre." Am. Jour. Med. Sc., 1930, *180*, p. 772.

MILLER, Richard H.

Publications

"Acute cholecystitis." Ann. Surg., 1930, *92*, p. 644.
"A study of the relationship of tuberculosis cervical adenitis to pulmonary tuberculosis." Am. Rev. Tuberc., 1930, 22, p. 598.

MINER, LeRoy M. S.

Publications

"Health of the dentist." Bulletin of the Mass. State Dent. Soc., 1930, September, p. 25.

Addresses

"Coördination of medicine and dentistry." New York Academy of Dentistry, New York, N. Y., January.
"Correlation of courses in oral surgery." Association of American Dental Schools, Toronto, Can., March.
Discussed paper on: "Relation of teeth to infection of the eye." Baltimore Dental Society, Baltimore, Md., May.
"Dentistry." Radio broadcast, Boston, June.
"Dental education." American Dental Association, Albany, N. Y., July.
"Science of dentistry." Radio broadcast, Boston, October.
"Preventive dentistry." *Ibid.*, December.

MORRISON, Lawrie B.

Publications

"The rôle of the X-Ray diagnosis of cancer of the colon, — rectum excluded." New Eng. Jour. Med., 1930, *203*, p. 441.

Addresses

"X-Ray in certain diseases of the chest." Haverhill Medical Club, Haverhill, Mass., February.
"Colon as seen in health and disease by X-Ray." Middlesex Medical Club, Waltham, Mass., February.
"Hernia of the stomach through the esophageal hiatus." Waltham Medical Club, Waltham, Mass., April.
"The rôle of the X-Ray diagnosis of cancer of the colon, — rectum excluded." Massachusetts Medical Society, Plymouth, Mass., June; New England Roentgen-Ray Society, Boston, October.

"The diagnosis of lesions of the colon as seen by the fluoroscope and plates." Essex South District Medical Society, Salem, Mass., December.

RICHARDS, Lyman G.

PUBLICATIONS

"Peritracheal abscess." Arch. Otolaryngol., 1930, *11*, p. 336.
"Acute laryngeal obstruction." Jour. Am. Med. Assn., 1930, *95*, p. 766.

ROGERS, Mark H., and Howard F. Root

PUBLICATIONS

"Diabetic neuritis with paralysis." New Eng. Jour. Med., 1930, *202*, p. 1049.

ROGERS, William A.

PUBLICATIONS

"An extension frame for the reduction of fracture of the vertebral body." Surg. Gynec. and Obstet., 1930, *50*, p. 101.

ADDRESSES

"Injuries to the spinal column." Vermont State Medical Society, Burlington, Vt., October.
"Treatment of compression fracture of vertebral bodies by gradual hyperextension and early mobilization." New York Academy of Medicine, New York, N. Y., November.

ROOT, Howard F.

PUBLICATIONS

"Medical aspects of diabetes mellitus." Jour. Med. Soc., New Jersey, 1930, 27, p. 583.
———, and Mark H. Rogers.
"Diabetic neuritis with paralysis." New Eng. Jour. Med., 1930, 202, p. 1049.

ADDRESSES

"Diabetes in the adult." Burbank Hospital, Fitchburg, Mass., January.
"Arteriosclerosis and diabetes." Springfield Medical Academy, Springfield, Mass., January.
"Treatment of diabetes." Worcester Hospital, Worcester, Mass., January; and Bay State Medical Society, Boston, February.
"Complications of diabetes." New Haven Medical Society, New Haven, Conn., April.
"Medical treatment of diabetes." Wilkes-Barre, Pa., May.
"Demonstration of diabetic patients." Norfolk District Medical Society, Deaconess Hospital, Boston, November.
"Complications of diabetes." Bridgeport, Conn., December.
"Complications of prolonged diabetes." Mt. Vernon Medical Society, Mt. Vernon, N. Y., December.

SIMMONS, Channing C.

PUBLICATIONS

"Carcinoma of the buccal mucosa." Ann. Surg., 1930, *92*, p. 681.

SISE, Lincoln F.

PUBLICATIONS

"Choice of anesthesia." Med. Jour. and Rec., 1930, *131*, p. 575.
"Intravenous sodium isoamylethyl barbiturate with spinal anesthesia." Am. Jour Surg., 1930, *9*, p. 65.

"Sodium isoamylethyl barbiturate and spinal anesthesia." Ann. Surg., 1930, *92*, p. 472.

———, and Philip D. Woodbridge.

"Progress in anesthesia." New Eng. Jour. Med., 1930, *203*, p. 272.

Addresses

"Recent developments in anesthesia." New Hampshire Surgical Club, Nashua, N. H., April.

"Clinical impressions of spinal anesthesia." Eastern Society of Anesthetists, Philadelphia, Pa., June.

"Newer developments in anesthesia." Brockton Medical Society, Brockton, Mass., October.

"Spinal anesthesia." Staff of the Malden Hospital, Malden, Mass.; New Bedford Medical Society, New Bedford, Mass., December.

SMITH, George Gilbert

Publications

"Carcinoma of the prostate." New Eng. Jour. Med., 1930, *202*, p. 756.

"A comparison of results following suprapubic and perineal prostatectomy." *Ibid.*, *203*, p. 114.

"Treatment of bladder carcinoma by diathermy and irradiation." Jour. Am. Med. Assn., 1930, *95*, p. 1730.

———, and Edward L. Peirson.

"The value of high voltage X-ray therapy in carcinoma of the prostate." Jour. Urol., 1930, *23*, p. 331.

Addresses

"A comparison of results following suprapubic and perineal prostatectomy." Worcester District Medical Society, Worcester, Mass.; Clinical Staff, Massachusetts General Hospital, Boston, February.

"Treatment of bladder carcinoma by diathermy and irradiation." American Medical Association, Detroit, Mich., June.

SMITH, Millard

Publications

"The relation of constitutional inadequacy to atrophic arthritis." New Eng. Jour. Med., 1930, *202*, p. 712.

"On the nature of atrophic arthritis and its treatment." Am. Med., 1930, *25*, p. 622.

TAYLOR, Grantly W.

Publications

"Intestinal diverticulosis, pernicious anemia, bilateral suprarenal apoplexy." New Eng. Jour. Med., 1930, *202*, p. 269.

———, and Horatio Rogers.

"Impressions of surgical endothermy." *Ibid.*, p. 467.

TOBEY, H. G.

Publications

"General principles of treatment of allergic diseases, from the rhinologist's standpoint." Am. Laryngol. Assn., 1930, p. 247.

"Electro-surgery in the drainage of certain abscesses of the brain." Trans. of 36th. Ann. Meet. Am. Larnygol. Rhinolog. and Otolog. Soc., 1930, p. 302.

ADDRESSES

"Vaso motor rhinitis." Philadelphia Laryngological Society, Philadelphia, Pa., February.

WAITE, J. Herbert

ADDRESSES

"Eye in diabetes." New England Ophthalmological Society, Boston, February.

WALKER, Irving J.

PUBLICATIONS

"How can we determine the efficiency of the surgical mask?" Surg. Gynec. and Obstet., 1930, *50*, p. 266.

"Abscess of the spleen." New Eng. Jour. Med., 1930, *203*, p. 1025.

ADDRESSES

"What is the most desirable medical staff organization to assure adequate control and the highest degree of professional efficiency?" Sectional meeting, American College of Surgeons, Worcester, Mass., January.

"Acute postoperative intestinal obstruction." Holyoke Medical Association, Holyoke, Mass., February.

Discussion of Dr. Millard Knowlton's paper on: "Supervision of private hospitals." New England Health Institute, Boston, April.

"Abscess of the spleen." Buffalo Surgical Society, Boston, April; New England Surgical Society, Boston, September.

WARREN, Shields

PUBLICATIONS

"The effect of insulin on pathological glycogen deposits in diabetes mellitus." Am. Jour. Med. Sc., 1930, *179*, p. 482.

"Generalized amyloidosis of the muscular systems." Am. Jour. Path., 1930, *6*, p. 161.

"Pathology of diabetes mellitus." Philadelphia: Lea & Febiger, 1930.

———, and William Stoller.

"The significance of acidophilic cells in the thyroid gland." New Eng. Jour. Med., 1930, *203*, p. 523.

ADDRESSES

"Treatment of diabetes influenced by the new aspects of pathology." New York Academy of Medicine, New York, N. Y., March.

"Blood vessel invasion in adenomas of the thyroid gland." American Association of Pathologists and Bacteriologists, New York, N. Y., April.

WHITE, Priscilla

PUBLICATIONS

"Cholesterol of the blood of diabetic children." New Eng. Jour. Med., 1930, *202*, p. 13.

"The future of the diabetic child." Jour. Am. Med. Assn., 1930, *95*, p. 1160.

ADDRESSES

"The care and treatment of diabetes in childhood." Burbank Hospital, Fitchburg, Mass., January.

"The treatment of diabetic children." Worcester Hospital, Worcester, Mass., January.

"The future of the diabetic child." New York Academy of Medicine, New York, N. Y., March.

"The wandering diabetic nurse for children." New England Health Institute, Boston, April.
"The wandering diabetic nurse." Littleton, N. H., May.
"The care of the diabetic child." Bridgeport, Conn.; Yorkville Medical Society, New York, N. Y., December.

WOODBRIDGE, Philip D.

Publications

"Therapeutic nerve block with procaine and alcohol." Am. Jour. Surg., 1930, *9*, p. 278.
———, and Lincoln F. Sise.
"Progress in anesthesia." New Eng. Jour. Med., 1930, *203*, p. 272.
"Choice of anesthesia." Med. Jour. and Rec., 1930, *131*, p. 575.

Addresses

"Therapeutic nerve block with procaine and alcohol." Sixth annual meeting of the American Society of Regional Anesthesia, New York, N. Y., April.